

# Shuqiang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,195  
citations

430874

18  
h-index

526287

27  
g-index

31  
all docs

31  
docs citations

31  
times ranked

583  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ensemble of 3D densely connected convolutional network for diagnosis of mild cognitive impairment and Alzheimer's disease. <i>Neurocomputing</i> , 2019, 333, 145-156.	5.9	156
2	Skin lesion segmentation via generative adversarial networks with dual discriminators. <i>Medical Image Analysis</i> , 2020, 64, 101716.	11.6	156
3	Bidirectional Mapping Generative Adversarial Networks for Brain MR to PET Synthesis. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 145-157.	8.9	88
4	Fine Perceptive GANs for Brain MR Image Super-Resolution in Wavelet Domain. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 8802-8814.	11.3	76
5	Tensorizing GAN With High-Order Pooling for Alzheimer's Disease Assessment. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 4945-4959.	11.3	75
6	Diabetic Retinopathy Diagnosis Using Multichannel Generative Adversarial Network With Semisupervision. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021, 18, 574-585.	5.2	71
7	Deep and joint learning of longitudinal data for Alzheimer's disease prediction. <i>Pattern Recognition</i> , 2020, 102, 107247.	8.1	52
8	Morphological Feature Visualization of Alzheimer's Disease via Multidirectional Perception GAN. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 4401-4415.	11.3	47
9	Predicting clinical scores for Alzheimer's disease based on joint and deep learning. <i>Expert Systems With Applications</i> , 2022, 187, 115966.	7.6	45
10	Classification of Diffusion Tensor Metrics for the Diagnosis of a Myelopathic Cord Using Machine Learning. <i>International Journal of Neural Systems</i> , 2018, 28, 1750036.	5.2	42
11	An Ensemble-Based Densely-Connected Deep Learning System for Assessment of Skeletal Maturity. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 426-437.	9.3	42
12	Skeletal Maturity Recognition Using a Fully Automated System With Convolutional Neural Networks. <i>IEEE Access</i> , 2018, 6, 29979-29993.	4.2	37
13	Subcarrier-Pairing-Based Resource Optimization for OFDM Wireless Powered Relay Transmissions With Time Switching Scheme. <i>IEEE Transactions on Signal Processing</i> , 2017, 65, 1130-1145.	5.3	36
14	Diagnosis of early Alzheimer's disease based on dynamic high order networks. <i>Brain Imaging and Behavior</i> , 2021, 15, 276-287.	2.1	36
15	Brain MR to PET Synthesis via Bidirectional Generative Adversarial Network. <i>Lecture Notes in Computer Science</i> , 2020, , 698-707.	1.3	35
16	Brain stroke lesion segmentation using consistent perception generative adversarial network. <i>Neural Computing and Applications</i> , 2022, 34, 8657-8669.	5.6	34
17	Cross-modality Synthesis from MRI to PET Using Adversarial U-Net with Different Normalization. , 2019, , .		32
18	A rest-time-based prognostic model for remaining useful life prediction of lithium-ion battery. <i>Neural Computing and Applications</i> , 2021, 33, 2035-2046.	5.6	30

#	ARTICLE	IF	CITATIONS
19	Joint 3-D Trajectory and Resource Optimization in Multi-UAV-Enabled IoT Networks With Wireless Power Transfer. IEEE Internet of Things Journal, 2021, 8, 7833-7848.	8.7	25
20	Dominant-Modes-Based Sliding-Mode Observer for Estimation of Temperature Distribution in Rapid Thermal Processing System. IEEE Transactions on Industrial Informatics, 2019, 15, 2673-2681.	11.3	16
21	Multimodal Representations Learning and Adversarial Hypergraph Fusion for Early Alzheimer's Disease Prediction. Lecture Notes in Computer Science, 2021, , 479-490.	1.3	16
22	Insights Into Algorithms for Separable Nonlinear Least Squares Problems. IEEE Transactions on Image Processing, 2021, 30, 1207-1218.	9.8	15
23	Characterization Multimodal Connectivity of Brain Network by Hypergraph GAN for Alzheimer's Disease Analysis. Lecture Notes in Computer Science, 2021, , 467-478.	1.3	14
24	Sum Rate Maximization for Multi-Carrier SWIPT Relay System With Non-Ideal Power Amplifier and Circuit Power Consumption. IEEE Access, 2019, 7, 89805-89820.	4.2	6
25	A Point Cloud Generative Model via Tree-Structured Graph Convolutions for 3D Brain Shape Reconstruction. Lecture Notes in Computer Science, 2021, , 263-274.	1.3	5
26	Brain MR Images Super-Resolution with the Consistent Features. , 2022, , .		2
27	SRT: Shape Reconstruction Transformer for 3D Reconstruction of Point Cloud from 2D MRI. , 2022, , .		2
28	Defining Biological Networks for Noise Buffering and Signaling Sensitivity Using Approximate Bayesian Computation. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	1
29	Thermodynamics-based models of transcriptional regulation with gene sequence. Bioprocess and Biosystems Engineering, 2015, 38, 2469-2476.	3.4	1
30	GoogLeNet-like Model for Pedestrian Attribute Detection in Surveillance Environment. , 2021, , .		1